

IMPROVED PROCESS FOR PRODUCING POLYBUTADIENE GOLF BALL CORES

Abstract of the Disclosure

An improved process for producing polybutadiene golf ball cores is disclosed. The golf ball cores are from polybutadiene rubber compositions having a high Mooney viscosity and/or a high molecular weight and a low dispersity is disclosed. An apparatus for producing the polybutadiene golf ball cores is also disclosed. The apparatus includes an internal mixer that compounds a batch of golf ball core stock. A sheeter forms sheets of golf ball core stock and has a sheeter inlet proximate the mixer outlet and a sheeter outlet. A preform shaper forms golf ball core preforms from the sheets of golf ball core stock.

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